

4.4.2. College Building Stability Certificate

Er.S.Saravanan.

BE., MIE., MISTE., MICI., FIV.,C.(Eng), D.CAD
Chartered engineer – Reg no. : M 11731
Approved Valuer : F 6847
Surveyor / Loss assessor : SLA 556
Approved Engineer – District Collector Panel

Cell : 9842120200
3, State Bank Colony
Nehruji Nagar
Dindigul - 624005

Date : 31.10.2019

Sub: **Building Stability – M/s SAKTHI COLLEGE OF ARTS AND SCIENCE FOR WOMEN**, 1014/4A, Sakthi Nagar, Dindigul – Palani main Road, Palakkanuthu(po), Dindigul Dt -624 619 Structural Stability Certificate

I, S. Saravanan has been requested by **SAKTHI COLLEGE OF ARTS AND SCIENCE FOR WOMEN** 1014/4A, Sakthi Nagar, Dindigul – Palani main Road, Palakkanuthu (po), Dindigul Dt -624 619 to inspect their college building and issue necessary Structural Stability Certificate

The Building has been inspected by me and found that the college building is Structurally sound. The Structural Stability Certificate for the building is issued to the period from 31.10.2019 to 31.10.2022 (inclusive of both days)* subject to regular maintenance and based on suggestion mentioned on "Form E". The Stability Certificate is fit Non Earthquake, Non Cyclonic & Non flood Conditions.

Note

1. Any cracks develop in the structure in the said period should be brought to the notice of the panel Engineer
2. The structural soundness certificate will be revoked at any time if any defect is found during the said period
3. The Panel Engineer reserve the right to inspect the building at any working hours and if found any defects the Structural soundness certificate may be revoked without assigning any reasons
4. No addition or Alteration Should be made to the Existing building or Portion of the Building with out prior Permission from the Collectors panel Engineer.
5. A fresh Certificate should be obtained from the Collectors panel Engineer if any addition or Alteration will be made to the Existing building or portion of the Building.
6. This certificate is applicable only for the buildings for which the Detailed plan (Plan Section Elevation) has been Prepared and enclosed here with

Signature of the Owner
of the building

Signature of the Engineer


Er. S. SARAVANAN
BE., MIE., MISTE., MICI., FIV., C.Eng (I)
Chartered Engineer, Valuer
Panel Engineer Dindigul Dist Collector
State Bank Colony, Nehruji Nagar
Dindigul - 624005

Er.S.Saravanan.

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Dindigul - 624005

Approved Engineer – District Collector Panel

Date : 31.10.2019

STATEMENT ACCOMPANYING FORM A

1. Door number of the building - Sakthi College of arts and science for women
2. Locations (Street/Ward no, Name of place
i.e, Corporation/ Municipality/of panchayath
union/township/cantonment - 1014/4A, Sakthi Nagar
Dindigul-Palani Main Road, Palakkanuthu (po)
Dindigul (dt) -624 619
- Palakkanuthu Panchayath
3. Year of Construction - G. floor – 2005 year 2352 sq.mt/25284 sq.ft
I&II floor– 2009 year 2296 sq.mt each/49364 sq.ft
III& IV floor – 2011 year 2296 sq.mt each/49364
sq.ft
Total: 11536 sq.mt/124012 sq.ft
4. Approximate Cost of Construction
as per Current rate - Rs. 11,60,24,000.00
5. Purpose for which the building is being used -B.A & MA(TAMIL, ENGLISH)
B.Sc.& M.SC (MATHS, CHEMISTRY, PHYSICS)
6. Purpose for which the building has hitherto - ---
7. Details of construction of the building
(Particulars of the foundation soil specification
of the various parts under) -

S.No	Building Description	G.floor,Ist,IIInd,IIIrd&IVth floors
1	Foundation	Rcc Column footing 1:2:4 mix and over a Bed of C.C 1:5:10 mix
2	Basement	Rcc Column & Brick Pillers
3	Super structure	Brick Masonry in L.M
4	Roof	RCC Roofing
5	Floor	Tiles, Cement, Granite flooring

8. Period for which License required - 3 years 31.10.2019 to 31.10.2022 (inclusive of
Both Days)* *subject to Regular maintenance and based on Suggestion Mentioned on " Form E" The Stability Certificate
is fit for Non Earthquake, Non Cyclonic & non Flood conditions
9. No of persons to be accommodated - 2000 Students

"Certified that No addition or alteration has been made to the Existing building or
portion of a building for which this application has been made. I under take to obtain a fresh
License in case may addition or alteration made to the existing building. I also under take to
obtain a fresh license if the purpose for which the license was granted for the use of the
building originally. is changed or altered subsequently.

Signature of the Owner


Er. S. SARAVANAN
BE., MIE., MISTE., MICT., FIV., C.Eng (I)
Chartered Engineer, Valuer
Panel Engineer: Dindigul Dist Collectrate
State Bank Colony, Nehruji Nagar
Dindigul - 624 005

Er.S.Saravanan.

BE., MIF., MISTE., MICT., FIV.,C.(Eng), D.CAD
 Chartered engineer - Reg no. : M 11731
 Approved Valuer : F 6847
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Approved Engineer - District Collector Panel

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Date : 31.10.2019

FORM B

(Form of Certificate of structural soundness under Sub-section 4 of the Tamilnadu public Buildings (Licensing) act 1965 (Tamilnadu Act XIII of 1965) referred to in rule 4 of the Tamilnadu public buildings (Licensing) rule 1966)

1. Foundation:-

S.No	Building Description	G.+1+2+3+4
1	Depth below Ground level	3 ft
2	Nature of soil met with at foundation level	Hard Gravel
3	Pressure of foundation	0.30 T/sq ft
4	Probable safe bearing capacity of the strata met with at foundation	3 to 3.5 T/sq.cm

2. Super structure:-

- i) Maximum stress in the most critical section of masonry and concrete - 0.60 T/sqft
 ii) Nature of masonry and concrete and its safe permissible stress - Rcc column, Brick masonry for Super Structure permissible stress 8 tones /sqft

The structural soundness of the building has been verified by me reference to ISI loading standards 875 (Latest version) and other relevant Indian Standards code of practice I declare that the Building is structurally sound to be used as a Public building for the purpose noted in the Statement. A License may be granted for the period from 31.10.2019 to 31.10.2022 (inclusive of Both Days) subject to regular maintenance and based on suggestion mentioned on "Form E". The Stability Certificate is fit for Non Earthquake, Non Cyclonic & Non Flood conditions.

Date: 31.10.2019

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCUTRAL SOUNDNESS

S. No	Location of the Building	Age of Building	No of Floor	Short description of structure	Purpose for which the building is certified for use	Period for which The building will be structurally Sound	No of Person to be accommodated	Re m ar ks
1	Sakthi College of arts and science for women 1014/4A, Sakthi Nagar, Dindigul-palani Main road, Palakkanuthu (po) Dindigul(dt)-624 619	11 yrs	G.+1 +2+3 +4 Floor	Rcc column Structure RCC roof with cement, Tiles & Granite flooring	B.A & M.A & B.SC & M.SC Program me	31.10.2019 to 31.10.2022	2000 students	Nil

Er.S.Saravanan.

BE., MIE., MISTE., MICI., FIV.,C.(Eng)., D.CAD
Chartered engineer - Reg no. : M 11731
Approved Valuer : F 6847
Surveyor / Loss assessor : SLA 556
Approved Engineer - District Collector Panel

Cell : 9842120200
3, State Bank Colony
Nehruji Nagar
Dindigul - 624505

Date : 31.10.2019

FORM -C

FORM OF OPINION

I have inspected the Building specified in the Statement Below and I have satisfied myself that the Building is structurally sound to be used as a public building for the Purpose Specified in the statement, the Structural soundness of the Building has been specified taking in to account the loading as per the period from 31.10.2019 to 31.10.2022 (inclusive of Both Days)* *subject to Regular maintenance and based on Suggestion Mentioned on "Form E" The Stability Certificate is fit for Non Earthquake , Non Cyclonic & non Flood conditions.

Date: 31.10.2019

STATEMENT

(To accompany the Opinion regarding Structural soundness)

1. Locations (Street/Ward no, Name of place ie. Corporation/Municipality/of panchayath union/township/cantonment	Sakthi College of arts and science for women 1014/4A, Sakthi Nagar Dindigul -Palani main Road Palakkanuthu(po) Dindigul(dt)- 624 619 Palakkanuthu panchyath
2. Age of the Building	11 yrs
3. Purpose for which the building is certified for	B.A&MA(TAMIL,ENGLISH) B.Sc.& M.SC(MATHS,CHEMISTRY,PHYSICS)
4. Period for which the building will be structurally Sound	31.10.2019 to 31.10.2022
5. No of persons to be accommodated	2000 students
6. Remarks	Nil

Er.S.Saravanan.

BE., MIE., MISTE., MICI., FIV.,C.(Eng)., D.CAD
Chartered engineer – Reg no. : M 11731
Approved Valuer : F 6847
Surveyor / Loss assessor : SLA 556
Approved Engineer – District Collector Panel

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3, State Bank Colony
Nehruji Nagar
Dindigul - 624005

Date : 31.10.2019


FORM D

DECLARATION

Er. S. SARAVANAN, residing at No. 3, state Bank colony, Nehruji Nagar, Dindigul, hereby declare that I possess the Qualification and experience specified in the Table to Rule II of the Madras Public Building (Licensing) rules 1966 for issuing of the Certificate of Structural soundness of the building covered by the certificate.

Place : Dindigul

Date :


Collector's Panel Engineer
Er. S. SARAVANAN
BE., MIE., MISTE., MICI., FIV., C.Eng (I)
Chartered Engineer, Valuer
Panel Engineer Dindigul Dist Collector
State Bank Colony, Nehruji Nagar
Dindigul - 624005

1. Name & Address : Er. S. SARAVANAN,
BE., MIE., MISTE., MICI., FIV.,C.(Eng)., D.CAD
No. 3, State Bank Colony,
Nuhruji Nagar, Dindigul - 5.
2. Engineering Qualification : Degree Holder in Bachelor of Engineering
Member in the Institutions of Chartered Engineering
and Valuers
3. No. of years of Experience : 26 years of Experience in Chartered Engineering and
Consulting Engineers. Panel Valuer of LIC., & Banks,
Competent person inspector of factories

COLLECTOR'S PANEL ENGINEER
(Dindigul Dist Order No. R.Dis. 4137/2009/R4 Dt. 07.01.2011)

Er.S.Saravanan.

BE., MIE., MISTE., MICL., FIV.,C.(Eng.), D.CAD
Chartered engineer - Reg no. : M 11731
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Approved Engineer - District Collector Panel

Date : 31.10.2019

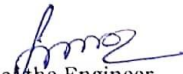
FORM E

1. Name and Designation of Inspecting authority of officer appointed or having Jurisdiction under any other act or law any other Act or law : Er. S. SARAVANAN,
BE., MIE., MISTE., MICL., FIV.,C.(Eng.), D.CAD
No. 3, State Bank Colony,
Nehruji Nagar, Dindigul - 5.
2. Location of the Building inspected CD.No.St.No women : Sakthi College of arts and science for
3. Name of Place i.e. Municipal Corporation/ : 1014/4A, Sakthi Nagar
Dindigul-palani main Road,
Palakknuthu(po)
Dindigul Dt - 624 619
Palakkanuthu Panchayath
4. Date of Inspection : 30.10.2019
5. Purpose for which the building is being used : B.A & MA (TAMIL,ENGLISH)
B.Sc. & M.SC (MATHS,CHEMISTRY,PHYSICS)
6. Nature of defects Noticed : Nil
7. If in a dangerous condition immediate steps : Nil
recommended to be given

DECLARATION

I Er. S. Saravanan, residing at No. 3, state Bank colony, Nehruji Nagar, Dindigul, do hereby declare that I possess the qualification and experience specified in the table o rule II of the Tamilnadu Public Buildings (Licensing) rules 1966. For issuing the certificate of Strucutural soundness of the building covered by the Certificate

Station : Oddanchatram
Date : 31.10.2019


Signature of the Engineer
Er. S. SARAVANAN
BE., MIE., MISTE., MICL. FIV., C.Eng (I)
Chartered Engineer, Valuer
Panel Engineer: Dindigul Dist Collectrate
State Bank Colony, Nehruji Nagar
Dindigul - 624 005